

LEVER OPERATED CHAIN HOIST

INSPECTION & MAINTENANCE CHECK LIST

MANUFACTURED BY: RELIABLE EQUIPMENT & SERVICE CO., INC.
 MODEL # REL-1500H CAPACITY 1,500 LBS SINGLE CHAIN - ROLLER TYPE
 MODEL # REL-3000H CAPACITY 3,000 LBS DOUBLE CHAIN - ROLLER TYPE
 SERIAL # _____ ENTERED SERVICE ON ____/____/____ CREW # _____

Subject of Inspection	Conditions requiring additional inspection or repair	Frequency of Inspection			OK	Service Required
		Frequent Daily	Periodic Monthly	Periodic Yearly		
All functional mechanisms Lever, Control Lever, Thumb Latch	Improper Operation, Binding, or Unusual Sounds	●	●	●		
Load Chain	Inadequate lubrication, excessive wear, damage, or distortion, cracked, spread or twisted links, corrosion or obstruction	●	●	●		
Hooks	Stretched throat opening, Distortion, damaged hook latch, wear, chemical or environmental damage, worn hook bearing. Cracks Use dye penetrant, magnetic particle Magnaflux, or other suitable detection method	●	●	● ●		
Lever Parts: Lever Trip Rod Pawl, Trip Pin Release Spring and Pawl Spring Bushing	Bends, cracks, distortion Straightness, ability to move pawl Wear, binding Bends, excessive wear Deformation, breaks, corrosion Excessive wear, scoring	● ●	● ●	● ●		
Sprocket, Sprocket Shaft, Chain Attachments	Distortion, cracks, damaged teeth, damaged, Stripped threads			●		
Reverse Ring Shoulder Pin Assembly	Excessive wear, loose or missing pins			●		
Frames, Swivels	Cracks, distortion, excessive wear			●		
Locking Pawl	Excessive wear, binding			●		
Reverse Springs, Locking Pawl Springs	Deformation, breaks, corrosion			●		
Pins, Bolts, Rivets	Looseness, thread damage, corrosion			●		
Warning Label	Missing, damaged, or illegible			●		

NOTE: Refer to Maintenance and Inspection Sections of the Hoist Maintenance Manual for additional details.

For additional information regarding frequency of inspection, see General Maintenance.